

VVRD37V11HDAS

ULTRA LOW LIGHT 1080P ANALOGUE VANDAL DOME



The VVRD37V11HDAS vandal resistant camera is capable of providing full HD 1080p resolution in TVI High Definition Analogue (HDA) format, over the coax cabling. The camera uses a 3.7-11mm varifocal lens coupled with an extremely sensitive 1/1.9 inch Sony CMOS sensor to produce stunning quality colour images even in extremely low light situations.

The camera's set up menu can be accessed via the in-line tact switch or up the coax from a compatible DVR, making it very simple to adjust and commission. The OSD menu allows the operator access to a number of extremely useful features, including true 120dB Wide Dynamic Range (WDR), allowing the camera to produce detail across the complete image, even in high contrast areas, with dual voltage 12VDC and 24VAC operation, it makes the VVRD37V11HDAS suitable for a wide range of applications.

Tested to BS EN 62262, the IK10 vandal resistant VVRD also has 3-axis gimble to further simplify installation and a wide range of bracketry provides multiple mounting options. The default settings allow it to work automatically out of the box on TVI coax (for menu set up and commissioning), with a separate CVBS 700TVL output allowing the VVRD37V11HDAS camera to also work on legacy equipment.

Key Features:

Full HD TVI imaging

Full HD 1920x1080 resolution in TVI ensures excellent images over the coax

Ultra low light

Uses Starlight technology to produce high definition colour images even in extremely low light scenes

Dual format

A TVI output provides 1080p images and lens control over the coax, with a separate CVBS, 700TVL output to ensure compatibility with all modern DVRs

TDN operation

The switching IR cut filter ensures quality images day or night

Vandal resistant IP66 housing

The IK10 housing has been tested to BS EN 62262: 2002 standards, making it robust enough to survive in most environments

Wide Dynamic Range (WDR)

120dB of WDR improves image quality in challenging lighting situations

TECHNICAL SPECIFICATION

Model	VVRD37V11HDAS
Resolution	1080p (TVI) / 700TVL (CVBS)
Image sensor	1/1.9" Sony CMOS
DSP	EyeNix
Operation	True Day Night
Effective pixels	1944 (H) x 1092 (V)
Scanning Freq.	PAL: 15.625KHz(H) x 50Hz(V)
Sync. system	Internal
Video output	1.0Vp-p (75Ω, composite)
S/N Ratio	60dB (AGC off)
Lens	3.7-11mm manual varifocal
Min. illumination	0.00008 Lux (Colour), 0.000008 Lux (Mono)
OSD / Lens Control	Via tactile switch on flying lead
Electronic Shutter	Auto or Manual (1/25 to 1/30,000 sec)
WDR	Low, Middle, High
BLC	1 x adjustable area
HLC (PWI)	Level 1- 20 / 8 colours
Day & Night	Auto, Colour, B&W
White Bal.	Auto, Autoext, Push, Manual
Motion Det.	4 areas
Privacy	16 standard / 8 polygonal
AGC	Off, On
DNR	Low, Middle, High
Mirror	Off, On
Brightness	0 - 20
Sharpness	0 - 20
Flip	Off, On
Title	Off, On (8 characters)
Language	EN
Power	12VDC (-10 to +15%) / 24VAC (+/-10%)
Consumption	2.5W, 210mA 3.8W, 160mA
Power input	2-pin terminal block with 2.1mm jack adapter
Video outputs	2 x BNC connector (TVI & CVBS)
Temperatures	-10 to 50°C (operating) / -20 to 50°C (storage)
Environmental	IP66 & IK10 (BS EN 62262)
Humidity	0 to 90% (non-condensing)
Colour	RAL7035
Dims. (net)	144 (Φ) x 94.5 (H) mm
Dims. (gross)	155 (H) x 170 (W) x 170 (D) mm
Weight	650g (net) / 910 (gross)
Approvals	CE & RoHS2: 2011/65/EU

Models In This Range

0773710
VVRD37V11HDAS

Associated Products

0498930
VRD-EWMB
Wall Bracket

0457230
VDM-ECMA
Corner mount adaptor for wall bracket

0457240
VRD-EPMAq
Side pole adaptor for wall mount bracket

0498940
VRD-EPMB
Pendant mount bracket

0690220
VRD-TMJB
Tower mount with junction box




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DS - VVRD37V11HDAS - Version 1

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